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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XII, No. 7 HELENA INDEPENDENT-RECORD HELENA, MONTANA **JULY, 1964**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July 1964, averaged 83,841 barrels daily, a decrease of 436 barrels from the average June production of 84,277.

The eight refineries in state processed 88,756 barrels of crude oil daily for the month of July, 1964, an increase of 1,015 barrels from the 87,741 barrels processed daily during the month of June, 1964.

During July, 39 wells were completed, 13 oil, 0 gas well and 26 dry holes.

During July, the commission issued 51 permits to drill new wells, an increase of 13 from 38 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1964

IN STORAGE JULY 1st:	
By Producers	346,150
By Transporters	1,115,235
By Refiners	788,338
TOTAL STORAGE	2,249,723
Produced in Montana During Month	2,599,071
Imported During Month	1,728,563
TOTALS	6,577,357
DISPOSITION:	
Refined in Montana	2,751,460
Exported	1,699,152
Used for Fuel or Lost	(133)
TOTAL	4,450,479
IN STORAGE JULY 31st:	
By Producers	341,998
By Transporters	1,024,699
By Refiners	760,181
TOTAL STORAGE	2,126,878

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1964

Field	M Cu. Ft.
Bears Den	5,250
Big Coulee	33,917
Bowdoin	51,469
Bowes	69,628
Cabin Creek	99,089
Cedar Creek	192,965
Cut Bank (Including Reagan)	462,472
Devon	7,339
Dry Creek	35,740
Elk Basin	21,952
Flat Coulee	1,545
Gold Butte	27,004
Golden Dome	3,106
Grandview	10,846
Hardin	4,140
Keith Block	29,883
Kevin Sunburst	92,030
Middle Butte	12,157
Mount Lili	25,683
Pine	58,524
Plevna	15,828
Utopia	5,539
Whitlash	118,058
Miscellaneous	17,576
TOTAL	1,401,740

Total Withdrawals for July, 1963 were 1,411,474 M Cu. Ft.

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PRODUCER'S REPORT—MONTH OF JULY, 1964

Leases	Field	No. of Wells	Storage 1st of Month	Produced Oil	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	568	2,177		1,631		1,114
4	Bannatyne	8	814	788		731		871
1	Bascom	1	140	222	187			175
5	Bear's Den	5	1,380	1,704		1,737	25	1,322
1	Belfry	1	172	529		603		98
1	Benrud	1	251	1,188	913			526
1	Benrud East	1	1,178	15,268	15,208			1,238
9	Big Wall	27	2,594	25,098	24,547	153		2,992
7	Blackfoot	11	1,819	6,791	2,947	3,549		2,114
3	Border	3	112	947		869		190
1	Bowes	60	4,967	13,161	12,117			6,011
3	Bradley	3	1,353	1,184	1,559			978
1	Brady	3		449	449			
1	Bredette North	1	477	142				619
2	Cabin Creek	107	7,908	240,812	242,213			6,507
12	Cat Creek	90	3,568	20,145	20,931			2,782
1	Clark's Fork	1	223	174		276		121
1	Clark's Fork North	1	1,153	160				1,313
3	Conrad South	5	711	1,229	1,229			711
1	Cupton	1	961	994		1,217		738
164	Cut Bank	1,066	111,311	154,998	157,128	3,685	27	105,469
3	Deer Creek	5	2,975	5,665	6,993			1,647
2	Delphia	2	278	457		194	1	540
	Devil's Basin		1,218					1,218
3	Dry Creek	3	914	318				1,232
19	Dwyer	20	11,118	43,154	40,953		211	13,108
9	Elk Basin	62	3,332	295,256	295,157			3,431
1	Elk Basin Northwest	1	733	2,046		1,946		833
2	Fertile Prairie	2	866	1,575	559	1,219		663
5	Flat Coulee	20	3,252	35,649	35,189			3,712
1	Flat Lake	1	957	4,203		4,582		578
2	Frannie	2		1,486	1,486			
15	Fred & George Creek	20	1,821	115,901	115,707			2,015
1	Gage	2	407	957	832		1	531
4	Gas City	29	6,250	70,201	64,234	3,445		8,772
6	Glendive	11	1,736	31,152	9,775	21,900		1,213
9	Goose Lake	10	3,329	30,755		29,664		4,420
8	Graben Coulee	16	3,753	6,096	4,733	1,027		4,089
5	Gypsy Basin	6	2,656	2,265	1,763		3	3,155
1	Hibbard	1	291	558		594		255
10	Ivanhoe	15	3,179	23,934	23,203		62	3,848
7	Keg Coulee	19	4,993	37,441	37,013			5,421
146	Kevin Sunburst	853	14,847	43,223	42,161			15,909
2	Little Beaver	24	3,621	26,037	26,192	664		2,802
3	Little Beaver East	19	2,646	23,924	24,117			2,453
3	Lone Tree	3	988	4,242		4,573		657
25	Lookout Butte	69	2,647	149,259	148,766			3,140
3	Lodge Grass	3	491	5,054		4,389		1,156
	Mackay Dome		770					770
2	Melstone	5	1,042	3,221	3,574			689
6	Monarch	14	3,392	12,927	13,429			2,890
4	Mosser	4		799		799		
	Musselshell		338					338
7	Outlook	11	6,940	36,759	36,544			7,155
2	Outlook South	2	1,948	2,793	3,095			1,646
62	Pennel	107	3,944	233,865	233,973			3,836
4	Pine	130	13,609	317,845	319,847			11,607
4	Pole Creek	7	1,737	3,314		4,367		684
74	Pondera	341	8,748	34,534	35,634			7,648
3	Pondera Coulee	3		542	542			
4	Poplar East	82	14,650	112,218	112,695		25	14,148
4	Poplar Northwest	5	1,163	1,824	1,166			1,821
6	Ragged Point	18	3,177	8,977	9,491			2,663
3	Reagan	43	3,165	18,346	18,914			2,597
11	Red Creek	21	3,725	40,284	40,174			3,835
1	Redstone	1	442	950	726			666
1	Repeat	1	325	1,302		597		1,030
6	Richey	9	3,178	4,253	4,658			2,773
6	Richey Southwest	7	2,690	16,994		16,037		3,647
4	Sand Creek	5		8,381	8,381			
7	Sidney-Brorson	7	4,844	3,988	1,991	3,559	157	3,125
2	Snyder	4	1,069	575		187		1,457
5	Soap Creek	9	5,397	4,829		5,301		4,925
2	Spring Lake	3	4,871	12,231		13,146		3,956
2	Stensvad	24	3,919	35,944	34,608			5,255
26	Sumatra	89	10,678	108,421	108,122			10,977
6	Tule Creek	7	2,630	45,832	45,795			2,667
2	Vida	2	603	3,854		3,820		637
1	Volt	1	1,274	4,893	4,963			1,204
14	Whitlash	32	6,751	17,572	18,768		42	5,513
1	Whitlash West	1	140	428	428			140
2	Wills Creek South	2	2,061	10,577	11,202			1,436
9	Wolf Springs	16	3,596	27,305	25,183			5,718
4	Woodrow	6	650	7,157	7,128			679
1	Wildcat, Liberty Cty	1	301	129		213		217
2	Wildcat, Roosevelt Cty	2	1,425	6,240		6,703		962
818		3,640	346,150	2,599,071	2,459,292	143,377	554	341,998

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1963	30,869,653	84,574	30,852,527	84,527
First Quarter, 1964	7,680,757	84,404	7,661,001	84,187
April, 1964	2,538,637	84,621	2,548,544	84,951
May, 1964	2,561,909	82,642	2,543,699	82,054
June, 1964	2,528,333	84,277	2,551,702	85,056
July, 1964	2,599,071	83,841	2,602,669	83,957

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1963	340,101	926,949	566,444	1,833,494
March, 1964	365,053	1,049,139	688,993	2,103,185
April, 1964	353,506	1,078,002	875,597	2,307,105
May, 1964	371,082	1,087,603	743,051	2,201,736
June, 1964	346,150	1,115,235	788,338	2,249,723
July, 1964	341,998	1,024,699	760,181	2,126,878

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF JULY, 1964

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			1,631				1,631		
BANNATYNE—Truck			731			731			
BEAR'S DEN—Truck			1,737					1,737	
BELFRY—Truck			603				603		
BIG WALL—Glacier Pipeline Co.		25,259				25,259			
McWood Corp.			153			153			
		25,259	153			25,412			
BLACKFOOT—Union Oil Co.		2,947				2,947			
Camerland Cardinal Corp.			3,549					3,549	
		2,947	3,549			2,947		3,549	
BORDER—Truck			869			869			
BOWES—Texaco, Inc.		12,117				12,117			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	352,138	757,300	48,899	664,346			1,551,752		270,931
Shell Pipeline Co.	3,887	389,555		1,000	(284)			388,962	5,764
	356,025	1,146,855	48,899	665,346	(284)		1,551,752	388,962	276,695
CAT CREEK									
Glacier Pipeline Co.		19,437				19,437			
CLARK'S FORK—Truck			276				276		
CUT BANK									
Darling Gathering System, Inc.	2,199	6,526						5,898	2,827
Glacier Pipeline Co.			4,712	546,565		551,277			
Phillips Petroleum Co.	40,730	53,188		41,761	(1,003)	59,715		40,038	36,929
Texas Pipeline Co.	28,200	33,340		14,986	26			53,052	23,448
Union Oil Co.	130,554	58,863		30,288	1,721	74,420			143,564
Western Oil Transportation Co.	83,779	27,950		58,510				134,668	35,571
	285,462	179,867	4,712	692,110	744	685,412		233,656	242,339
DELPHIA—Truck			194			194			
DRY CREEK—									
Marathon Pipeline Co.	7,148				687			6,066	395
DWYER—Hunt Petroleum Corp.		39,454					39,454		
ELK BASIN—									
Marathon Pipeline Co.		295,862				295,862			
ELK BASIN NORTHWEST—Truck			1,946				1,946		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	34,213						34,213	3,000
FLAT LAKE—Truck			4,582				4,582		
FRANNIE—Marathon Pipeline Co.		1,486					1,486		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	16,990	112,875				19,190		92,798	17,877
GAGE—Glacier Pipeline Co.		465				465			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,485	54,143			(47)			53,617	6,058
GOOSE LAKE—Truck			29,664				29,664		
HIBBARD—Truck			594			594			
IVANHOE—Glacier Pipeline Co.		23,206				23,206			
KEG COULEE—									
Glacier Pipeline Co.		23,629				23,629			
KEVIN SUNBURST—									
Big West Oil Co.	4,585	42,306				43,721			3,170
Homestake Oil & Gas Co.	459	1,899		5,897		7,801			454
Texas Pipeline Co.	6,358	16,037			103			14,986	7,306
	11,402	60,242		5,897	103	51,522		14,986	10,930
LODGE GRASS—Truck			4,389			4,389			
LONE TREE—Truck			4,573				4,573		
MELSTONE—									
Glacier Pipeline Co.		3,574				3,574			
MOSSER—Truck			799				799		
PONDERA—Phillips Petr. Co.	9,574	37,966		40,038	(3,232)	71,926			18,884
POPLAR, BENRUD, BENRUD EAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK & VOLT									
East Poplar Gathering System	24,335	221,615			114			234,419‡	11,417
POLE CREEK—Truck			4,367				4,367		
RAGGED POINT—									
Glacier Pipeline Co.		9,491				9,491			
RED CREEK—									
Western Oil Transportation Co.		45,644			456			45,188	
SIDNEY-BRORSON									
McWood Corp.	7,328		3,559	1,824				5,146	7,565
SNYDER—McWood Corp.			187			187			
SOAP CREEK—McWood Corp.	5,151		5,301	3,184		12,595			1,041
SPRING LAKE—Truck			13,146				13,146		
SUMATRA AND STENSVAD—									
Glacier Pipeline Co.	383,335	144,407		59,695	(2,590)	109,853		51,681	428,493
WHITLASH—									
Homestake Oil & Gas Co.		205				200			5
Camerland Cardinal Corp.		13,334				13,334			
		13,539				13,534			5
WOLF SPRINGS—									
Glacier Pipeline Co.		25,431				25,431			
WILDCAT WELLS—			6,916			6,916			
TOTALS	1,115,235	2,533,724	143,377	1,468,094	(4,049)	1,419,483	1,654,279	1,166,018	1,024,699

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1964

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		153		25,259					25,412
Blackfoot								2,947	2,947
Border				869					869
Bowes			3,854						3,854
Cat Creek		13,999		3,440		3,153			20,592
Cut Bank							82,076	58,782	140,858
Delphia						459			459
Devil's Basin						143			143
Elk Basin		113,135		75,904	91,652				280,691
Flat Coulee		34,213							34,213
Fred & George Creek	19,190	92,798							111,988
Gage		465				75			540
Hibbard						901			901
Ivanhoe					23,203				23,203
Keg Coulee				23,629					23,629
Kevin Sunburst	51,522								51,522
Lodge Grass		4,389							4,389
Melstone				3,574					3,574
Pondera							71,926		71,926
Ragged Point		9,491							9,491
Red Creek					45,188				45,188
Snyder		187							187
Soap Creek		5,275							5,275
Sumatra & Stensvad		24,684		85,661					110,345
Whitlash	13,534								13,534
Wolf Springs					30,251				30,251
Wildcat Wells		6,916							6,916
Total Montana Oil	84,246	305,705	3,854	218,336	190,294	4,731	154,002	61,729	1,022,897
Canadian Oil Imported		268,428			283			2,489	271,200
Wyoming Oil Imported		181,469		419,239	853,662	2,993			1,457,363
Total Montana, Canadian, and Wyoming Oil	84,246	755,602	3,854	637,575	1,044,239	7,724	154,002	64,218	2,751,460

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1963	32,324	4,255	40,398	76,977
July, 1963	32,150	5,040	46,150	83,340
Ju ly, 1964	32,996	8,749	47,011	88,756

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
41.99%	5.53%	52.48%
38.57%	6.06%	55.37%
37.17%	9.87%	52.96%